### BIRCH, STEWART, KOLASCH & BIRCH, LLP

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P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

### SUPPLEMENTAL COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated

			original, first and sole inventor (if only of	
	below) or an original, first and	joint inventor (if plu	iral inventors are named below) of the s	ubject matter which is
nsert Title:	claimed and for which a patent i			
	USE OF RECOMBINANT PA	RAINFLUENZA V	/IRUSES (PIVs) AS VECTORS TO F	ROTECT AGAINST
	INFECTION AND DISEASE C	AUSED BY PIV AN	ID OTHER HUMAN PATHOGENS	
	the specification of which is attached hereto. If not attached hereto, the application is identified by the attorney docket number as set forth above and/or the following:			
Fill in Appropriate	The specification was filed on	12/08/2000	as United States Application Number	09/733,692

Information and amended on (if applicable) and/or For Use Without as PCT International Application Number the specification was filed on Specification (if applicable) and was amended on Attached:

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

1 acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as

I hereby claim foreign priority benefits under Title 35, United States Code, \$119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's

land Defende	Prior Foreign Application(s)				Priority Claimed	
Insert Priority Information (if appropriate)	(Number)	(Country)	(Month/Day/Year Filed)	Yes	No	
	(Number)	(Country)	(Month/Day/Year Filed)	Yes	No	
	I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(s) listed below.					
Insert Provisional	60/059,385		September 19, 1	September 19, 1997		
Application (s):	(Application Number)		(Filing Date)			
(if any)	60/047.575		May 23, 1997	May 23, 1997		
	(Application Number)		(Filing Date)	(Filing Date)		
	60/170	0,195	December 10, 1	999		
	(Application Number)		(Filing Date)			
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs Prior to the Filing Date of This Application:					
Insert Requested Information (if appropriate)	Country		Application Number Date of Filing	(Month/Day	y/Year)	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, \$1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Insert Prior U.S. Application(s): (if any)

May 22, 1998 09/083,793 Pending (Status - patented, pending, abandoned) (Application Number) (Filing Date) (Status - patented, pending, abandoned) (Filing Date) (Application Number)

I hereby appoint the practitioners at CUSTOMER NO. 33883 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

Send Correspondence to:

### CUSTOMER NO. 33883; (BIRCH, STEWART, KOLASCH & BIRCH, LLP)

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Full Name of First or Sole Inventor: nsert Name of Inventor →	GIVEN NAME/FAMILY NAME Brian R. MURPHY	INVENTOR'S SIGNATURE	7	DATE*	
nsert Date This Document is Signed  nsert Residence	Residence (City, State & Country) Bethesda, Maryland, USA	Jezon Hill	CITIZENSI	US	
nsert Citizenshiv → insert Post Office Address →	MAILING ADDRESS (Complete Street Address including City, State & Country) 5410 Tuscarawas Road, Bethesda, Maryland 20816, USA				
Full Name of Second Inventor, if any: see above	GIVEN NAME/FAMILY NAME Peter L. COLLINS	INVENTOR'S SIGNATURE		DATE* /1//5/66	
	Residence (City, State & Country) Silver Spring, Maryland, USA		CITIZENSI	IIP US	
	MAILING ADDRESS (Complete Street Address including City, State & Country) 2921 Woodstock Ave., Silver Spring, Maryland 20910, USA				
Full Name of Third Inventor, if any: see at ove	GIVEN NAME/FAMILY NAME ALEXANDER C. SCHMIDT	INVENTOR'S SIGNATURE	22	DATE* 12/18/06	
	Residence (City, State & Country) Washington, DC, USA Between, M	D, USA	CITIZENSI	HIP US	
	MAILING ADDRESS (Complete Street Address including City, State & Country) 1831 Belmont Road, #203 NW, Washington, D.C. 20009, USA 5411 Roosevelt St., Rethesida, #10 20817				
Full Name of Fourth Inventor, if any: see allove	GIVEN NAME/FAMILY NAME Anna P. DURBIN	INVENTOR'S SIGNATURE		DATE*	
	Residence (City, State & Country) Takoma Park, Maryland, USA		CITIZENSI	-IIP US	
	MAILING ADDRESS (Complete Street Address including City, State & Country) 806 Hudson Avenue, Takoma Park, Maryland 20912, USA				
Full Name of Fifth Inventor, if any: see above	GIVEN NAME/FAMILY NAME Mario H. SKIADOPOULOS	INVENTOR'S SIGNATURE		DATE*	
	Residence (City, State & Country) Potomac, Maryland, USA		CITIZENSHIP US		
	MAILING ADDRESS (Complete Street Address including City, State & Country) 8303 Aqueduct Road, Potomac, Maryland 20854, USA				
Full Name of Sixth Inventor, if any: see above	GIVEN NAME/FAMILY NAME Tao TAO	INVENTOR'S SIGNATURE		DATE*	
	Residence (City, State & Country) Bethesda, Maryland, USA		CITIZENS	HIP US	
	MAILING ADDRESS (Complete Street Address 10684 Weymouth Street, #104, Bethesda, Maryla	including City, State & Country) and 20814, USA			

<sup>\*</sup>DATE OF SIGNATURE

Attorney Docket No. 1173-1050PUS1

## BIRCH, STEWART, KOLASCH & BIRCH, LLP

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I hereby claim foreign priority benefits under Title 35. United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) Prior Foreign Application(s) Insert Priority (Month/Day/Year Filed) No (Country) (Number) Information (if appropriate) No (Month/Day/Year Filed) (Country) (Number) I hereby claim the benefit under Title 35. United States Code, \$119(e) of any United States provisional applications(s) listed below September 19, 1997 60/059,385 Insert (Filing Date) (Application Number) Provisional Application(s): May 23, 1997 60/D47,575 (if any) (Filing Date) (Application Number) December 10, 1999 60/170,195 (Filing Date) (Application Number) All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application: Date of Filing (Month/Day/Year) Application Number Insert Requested Country Information (if appropriate) I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s), including for continuation-in-part application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which become available between the filing date of the prior application and the national or PCT international filing date of this application. date of this application. 09/083,793 Pending (Status - patented, pending, abandoned) May 22, 1998 (Filing Date)

Page 1 of 2

(Filing Date)

Insert Prior U.S.

Application(e): (if any)

(Application Number

(Application Number)

(Status - patented, pending, abandoned)

I hereby appoint the practitioners at CUSTOMER NO. 33883 as my attorneys or agents to prosecute this application and/or an international application based on this application and to transact all business in the United States Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the practitioners, unless the inventor(s) or assignee provides said practitioners with a written notice to the contrary:

CIR

Send Correspondence to:

## CUSTOMER NO. 33883; (BIRCH, STEWART, KOLASCH & BIRCH, LLP)

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

Il Name of First	GIVEN NAME/FAMILY NAME Brian R. MURPHY	pardize the validity of the application		DATE*
ert Vame of profitor -	Bran K. MORFELL		1 2	CHAD
ert Date This neument in Signad	Residence (City, State & Country) Bethesda, Maryland, USA	<del></del>	CITIZEN	US US
et Chixenship -	MAILING ADDRESS (Complete Street Add	ress including City, State & Country)		
rra Post Office	5410 Tuscarawas Road, Bethesda, Maryland	20816, USA		
I Name of Second ventor, if any:	GIVEN NAME/FAMILY NAME Peter L. COLLINS	INVENTOR'S SIGNATURE		DATE"
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	Residence (City, State & Country) Bethesda, Maryland, USA		CITIZE	NSHIP US
	MAILING ADDRESS (Complete Street Ad 10684 Weymouth Street, #104, Bethesda, N	Idress including City, State & Country Maryland 20814, USA	)	

\*DATE OF SIGNATURE

(Rev. 05/2004) Fage 2 of 2

Birch, Stewart, Kolasch & Birch, LLP

DRN/mua

301-590-0731

Attorney Docket No. 1173-1050PUS1

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(Rev. 05/2004)

Page 1 of 2

Birch, Stewart, Kolasch & Birch, LLP

### Attorney Docket No. 1173-1050PUS1

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▼					
Full Name of First or Sole Inventor	GIVEN NAME/FAMILY NAME Brian R. MURPHY	INVENTOR'S SIGNATURE	DATE*		
Insert Date This Document is Signed	Residence (City, State & Country)		CITIZENSHIP		
Insert Residence Insert Citizanship	Bethesda, Maryland, USA		US		
Insert Post Office	MAILING ADDRESS (Complete Street Addr 5410 Tuscarawas Road, Bethesda, Maryland				
Full Name of Second Inventor, If any: see above	GIVEN NAME/FAMILY NAME Peter L. COLLINS	INVENTOR'S SIGNATURE	DATE*		
	Residence (City, State & Country) Silver Spring, Maryland, USA		CITIZENSHIP US		
	MAILING ADDRESS (Complete Street Addr 2921 Woodstock Ave., Silver Spring, Marylan	AILING ADDRESS (Complete Street Address including City, State & Country) 21 Woodstock Ave., Silver Spring, Maryland 20910, USA			
Full Name of Third Inventor, if any: sec above	GIVEN NAME/FAMILY NAME ALEXANDER C. SCHMIDT	INVENTOR'S SIGNATURE	DATE*		
	Residence (City, State & Country) Washington, DC, USA		CITIZENSHIP US		
	MAILING ADDRESS (Complete Street Add 1831 Belmont Road, #203 NW, Washington,	ress including City, State & Country; D.C. 20009, USA			
Full Name of Fourth Inventor, if any: see above	GIVÊN NAME/FAMILY NAME Anna P. DURBIN	INVENTOR'S SIGNATURE	DATE*		
	Residence (City, State & Country)		CITIZENSHIP		
	Takoma Park, Maryland, USA		US		
	MAILING ADDRESS (Complete Street Address including City, State & Country) 806 Hudson Avenue, Takoma Park, Maryland 20912, USA				
Full Name of FiRh Inventor, If any see above	GIVEN NAME/FAMILY NAME Mario H. SKIADOPOULOS	INVENTOR'S SIGNATURE	DATE: 01/10/07		
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	Potomac, Maryland, USA		us		
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	Residence (City, State & Country) Bethesda, Maryland, USA		CITIZENSHIP US		
	MAILING ADDRESS (Complete Street Addi 10684 Weymouth Street, #104, Bethesda, Ma				

\*DATE OF SIGNATURE

Attorney Docket No. 1473-1038Pt/51

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(New 05/2004)

Page 1 of 2

DRN/mua

Attorney Docket No. 1173-1050PUST

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toll Name of First a Syle Inventor Insyl Name of	GIVEN NAME/FAMILY NAME	INVENTORS SIGNATURE	DATE*		
Inventor  need Date This  Distanced by Styped	Brian R. MURPHY	A CONTRACTOR OF THE CONTRACTOR			
nseil Residenie nseid Citizenshin 5	Residence (City, State & Country) Bethesda, Maryland, USA		CITIZENSHIP US		
naest Post Office Addicess	MAILING ADDRESS (Complete Street Address including City, State & Country) 5410 Tuscarawas Road, Berbesda, Maryland 20816, USA				
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	Residence (City, State & Country) Silver Spring, Maryland, USA		CITIZENSHIP US		
	MAILING ADDRESS (Complete Street Address 2921 Woodstock Avc., Silver Spring, Maryland	AAILING ADDRESS (Complete Street Address including City, State & Country) 921 Woodstock Avc., Silver Spring, Maryland 20910, USA			
Full Name of Third Inventor, if any- see above	GIVEN NAME/FAMILY NAME ALEXANDER C. SCHMIDT	INVENTOR'S SIGNATURE	DATE*		
	Residence (City, State & Country) Washington, DC, USA	and an english was deeper	CITIZENSHIP US		
	MAILANG ADDRESS (Complete Street Address 1831 Belmont Road, #203 NW, Washington, D.	sincluding City, State & Country) C. 20009, USA	***************************************		
Hall Name of Fourth Inventor, If any, see above	GIVEN NAME/FAMILY NAME Anna P. DURBIN	INVENTOR'S SIGNATURE	DATE*		
	Residence (City, State & Country) Takoma Park, Maryland, USA	To the state of th	CITIZENSHIP		
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Lail Name of Ofth Inventor, if any see above	GIVEN NAME/FAMILY NAME Mario H. SKIADOPOULOS	INVENTOR'S SIGNATURE	DATE		
	Residence (City, State & Country) Potomac, Maryland, USA		CITIZENSHIP US		
	MAILING ADDRESS (Complete Street Address including City, State & Country) 8303 Aqueduct Road, Potomec, Maryland 20854, USA				
Luli Name of Shift Inventor, if any: See allower	GIVEN NAME/FAMILY NAME Tao TAO	INVENTOR'S SIGNATURE	12/20/V		
	Residence (City, State & Country) Bethosda, Maryland, USA		CITEZENSIHP		
	MAILING ADDRESS (Complete Street Address including City, State & Country) 10684 Weymouth Street, #104, Bethesda, Maryland 20814, USA				

<sup>\*</sup>DATE OF SIGNATURE